Advance Planning Briefing for Industry 5 May 2004

urface & Expeditionary Warfare Programs

Code 11S
Surface and Expeditionary Warfare Programs
Naval Air Warfare Center Training Systems Division

Command Org Chart

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11S Org Chart

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Landing Craft Air Cushion

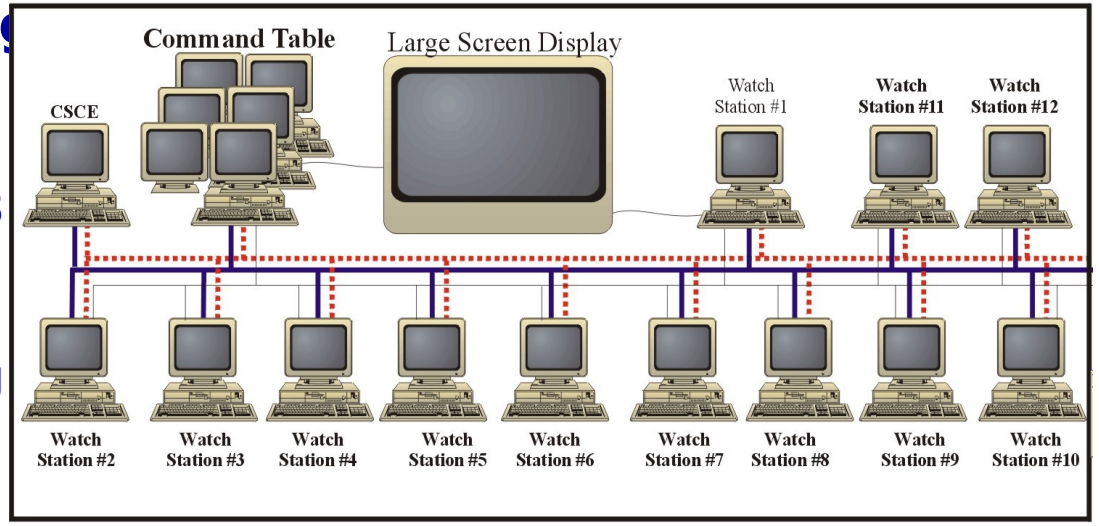
- **REQUIREMENT: Modify both LCAC Full Mission Trainers (FMT), Device 20G6, to match Service Life Extension Program (SLEP) of the Craft**
- **Estimated Total Value: $4-5M**
- **Various Awards FY04 – FY08**
- **Acquisition Strategy**
  - **Competitive**
- **POC: (407) 380-4025**

Landing Craft Air Cushion
(cont'd)

- **REQUIREMENT: Develop new and update existing curriculum to support operations and maintenance training for SLEP Craft**
- **Estimated Total Value: ~$4.5M**
- **Various Awards FY04 - FY05**
- **Acquisition Strategy**
  - **Competitive**
- **POC: (407) 380-4025**

Generic Reconfigurable Training Systems (GRTS)

- **REQUIREMENT: Demonstrate feasibility of migrating away from hardware intensive, single purpose training devices and move toward a software/graphics intensive, PC based, rapid reconfigurable trainin**



- **Current Efforts**
  - **Entering into Phase 3 for "SWOS GRTS" & "FLEASW GRTS"**
  - **Plans for Engineering applications this FY**
- **Estimated Value of Awards this FY ~$3M**
- **Acquisition Strategy: TBD**
- **POC: (407) 380-8876**

Multi-Purpose Supporting Arms Trainer (MSAT)

- **REQUIREMENT: Develop an interoperable Multi-Purpose Supporting Arms Trainer for EWTGLANT/PAC to train Terminal Controllers and Forward Observers in the employment of:**
  - **Naval Fire Support**
  - **Tactical Air Support**
  - **Field Artillery Suppor**
- **Estimated Total Value FY04 - 07: ~$4.5M**
- **Acquisition Strategy**
  - **TBD**
- **POC: (407) 380-8017**

Fire Fighting Trainers

- **REQUIREMENT: Continue Modifications and Upgrades of Fire Fighting Trainers at Fleet Fire Fighting Schools, implement a Service Life Extension Program, and procure commercial quality, modular fire fighting trainers for installation at various Fleet Concentration Areas.**
- **Various Awards FY04 - FY05**
- **Acquisition Strategy**
  - **Competitive**
  - **TBD**
- **Estimated Total Value: ~$2M/yr FY04 - 09**
- **POC: (407) 380-8156**

Contractor Operation & Maintenance of Simulators (COMS)

- REQUIREMENT: Provide COMS support for East & West Coast Training Commands; SSC/RTC Great Lakes; Fi[illegible] Sites
- Contracts to be Awarde[illegible] year:
  - Great Lakes - Estimated Value ~$2.5M
  - Fire Fighting - Estimated Value ~$2M
- Acquisition Strategy
  - Competitive
- POC: (407) 380-8271

Minor Modification Program

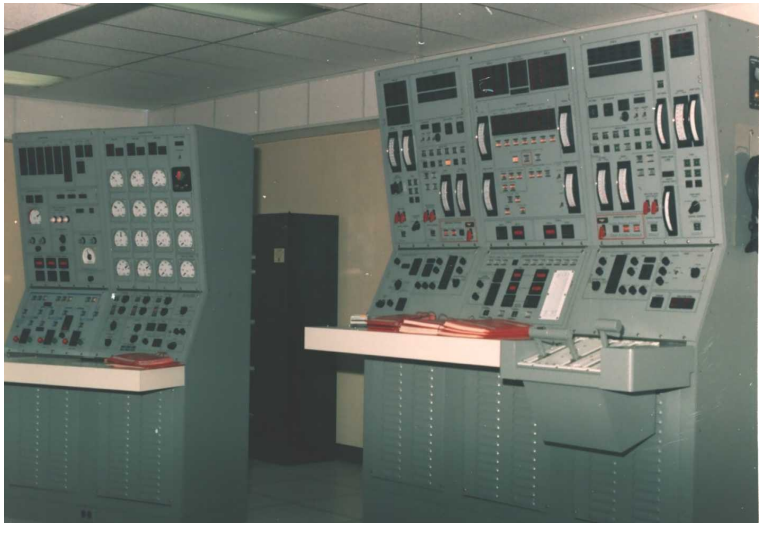
- **REQUIREMENT: Provide modifications and upgrades to existing surface trainers at various sites. Modifications are fleet prioritized and include enhancements, rehosts, hardware/software upgrades and other moderr**
- **Various/Multiple Awards each FY**
- **Various Acquisition Strateg**
- **Program Value: ~$5M/year**
- **POC: (407) 380-4485**

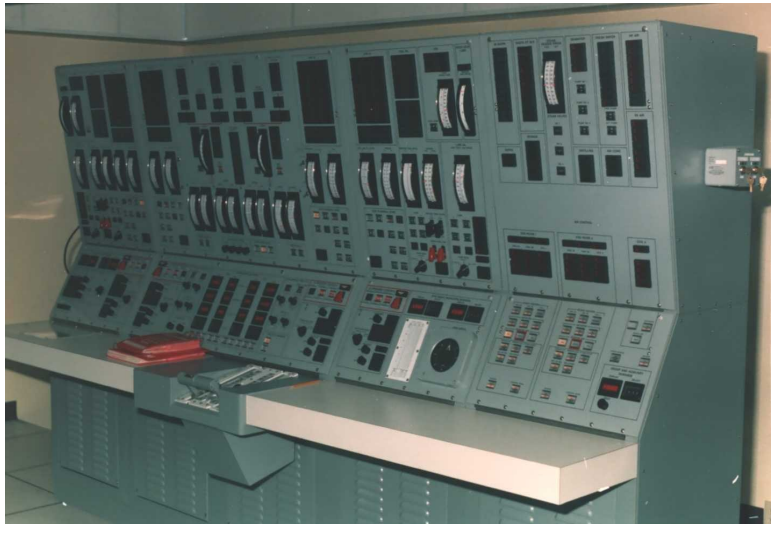
Hull, Mechanical & Electrical (HM&E) Trainers

Following Initiatives Planned for FY04 – 05

POC: (407) 380-4414

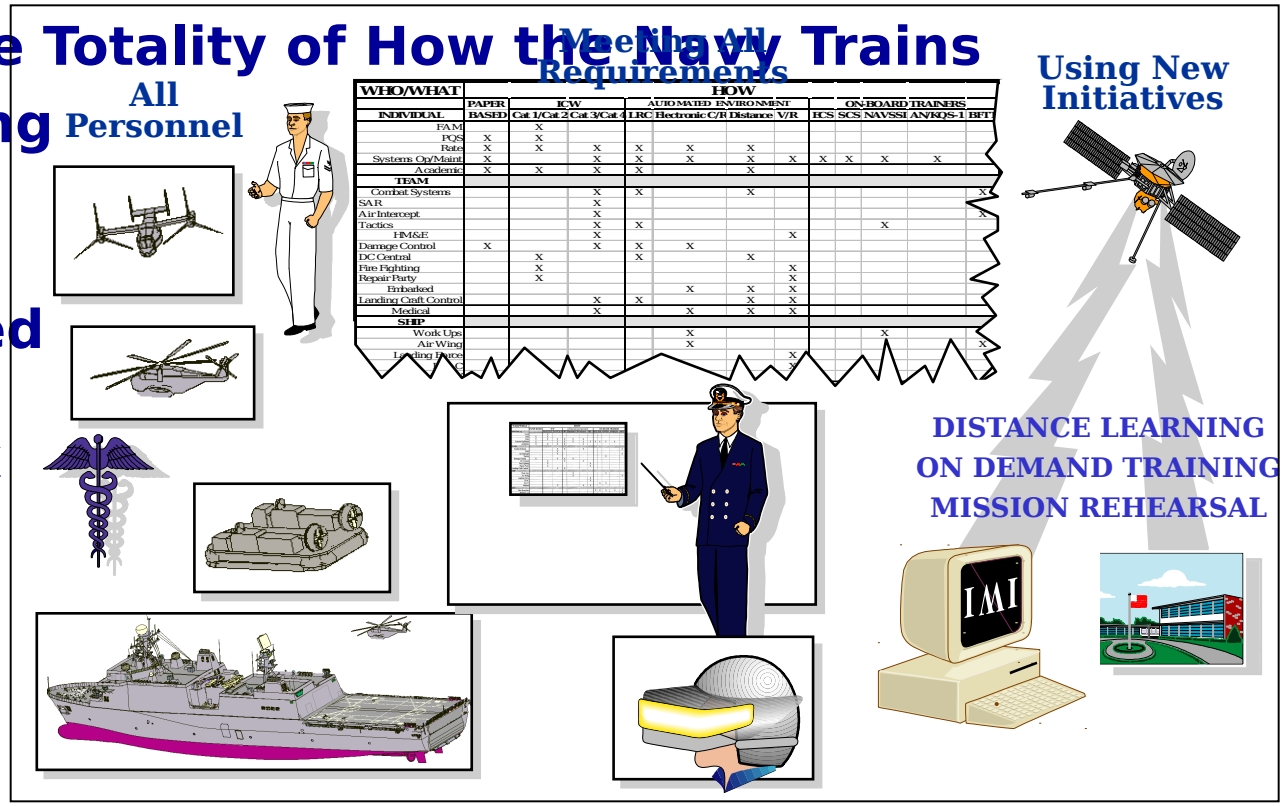
19H4 LSD-41 Machinery Plant Control System Operations & Maintenance Trainer, Rehost to PC	FY04	300K	TBD
11E18 Small Craft Electrical System Trainer, Modernization	FY04	350K	TBD
19G4 DDG-51 Gas Turbine Propulsion Plant Trainer, Rehost to PC	FY04	400K +	TBD
19E3 DD-963 Engineering Control Surveillance System (ECSS) Operations & Maintenance Trainer, rehost to PC	FY05	400K	TBD
20H5 DD-963 Engineering Control Surveillance System Operator Trainer, Rehost to PC	FY05	300K	TBD
19H5 LSD-41 Class Machinery Plant Control System Operator Trainer, Rehost to PC	FY05	300K	TBD





Total Ship Training (TST)/Human Systems Integration (HSI)

- TSD provides Training IPT Leadership/Support for LPD 17, CVN21, LHD-8 and SmartShip Programs; HSI support for LHA(R) and DD(X)
- Supports NAVSEA PEO(IWS)1.A.5 with TSTS "Components"
- Highly Leveraged Multi-Program Strategy
- TST Impacts the Totality of How the Navy Trains
- Optimal Manning
- Workload Reduction
- Human Centered Design
- Varied Skill Mix



Conclusion/Summary

- **Advances in Technology Enable New Ways To Train**
  - **Important to maintain a dynamic balance between "*Requirements Pull*" and *"Technology Push"***
- **Total Ship Training**
  - **Human Systems Integration (HSI)**
  - **Total Ownership Costs (TOC)**
  - **Optimal Manning/Workload Reduction**
  - **Partnerships with Industry and other Naval Warfare Centers will support integration of training from the "Total Ship" perspective**
- **Alignment with NAVSEA, NETC/NPDC and Learning Centers**
- **Focus on Fleet Concentration Areas**
- **Facilitate achieving the Vision and Strategy for Surface Warfare Training, OPNAVINST 1500.57A**

Office of the Chief of Naval Operations

Surface Warfare

Persuasive in Peace, Decisive in War, Preeminent in Any Form of Conflict

http://www.surfacewarfare.navy.mil/n86/